

Units are cfs unless noted otherwise

	5/6/2022	5/7/2022	5/8/2022	5/9/2022	5/10/2022	5/11/2022	5/12/2022
I. Upper East Fork Reach							
Potter Valley Project							
Tunnel Diversion	58.0	53.0	51.0	51.0	54.0	62.0	65.0
PVID Requested Delivery	18.0	12.6	10.0	10.0	13.0	22.0	25.0
PVID Canals Actual Delivery	12.0	7.0	3.8	3.8	3.8	8.0	11.0
East Fork Release	46.0	46.0	47.0	47.0	50.0	54.0	54.0
PVID E Fork Diversions	6.0	5.6	6.2	6.2	9.2	14.0	14.0
PVID Water Use - PG&E Contract	18.0	12.6	10.0	10.0	13.0	22.0	25.0
PVID Water Use - License 5264	0.0	0.0	0.0	0.0	0.0	0.0	0.0
East Fork Downstream of PVID (Import)	40.0	40.4	40.8	40.8	40.8	40.0	40.0
PVID Canal Net Return Flow (assumed)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
East Fork / Potter Valley Reach Analysis							
USGS E Fork @ Calpella	63.8	65.6	52.8	56.0	37.5	41.0	51.5
Net Reach Loss(-)/Gain(+)	+5.8	+12.6	+1.8	+5.0	-16.5	-21.0	-13.5
Unimpaired Natural Flow @ Calpella (est.)	23.8	25.2	11.8	15.0	0.0	1.0	11.5
Non-PVID East Fork Net Reach Losses (est.)	0.0	0.0	0.0	0.0	3.5	0.0	0.0
Natural Flow	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Import (neg. value is return flow)	0.0	0.0	0.0	0.0	3.5	0.0	0.0

II. Lake Mendocino

Reservoir Operations							
Calculated Inflow (ac-ft)	167	139	156	111	93	59	98
(cfs)	84	70	79	56	47	30	49
Natural Flow	44	30	38	15	10	1	11
Import	40	40	41	41	37	29	38
Storage Change (ac-ft)	+89.0	+59.0	+89.0	+44.0	+15.0	-15.0	+30.0
(cfs)	+45	+30	+45	+22	+8	-8	+15
Stored Natural Flow (cfs)	44	30	38	15	8	0	11
Stored Import Water (cfs)	1	0	7	7	0	0	4
Evaporation (ac-ft)	20.7	23.3	10.4	10.4	16.4	9.5	13.0
RVCWD Diversion (ac-ft)	0	0	0	0	0	0	0
CVD Release Gage	29	29	29	29	31	33	28
Storage (Project Water)	0	0	0	0	0	3	0
Natural Flow	0	0	0	0	0	1	0
Import Water	29	29	29	29	31	29	28
East Fork Min Instream Flow Requirement	25	25	25	25	25	25	25
Compliance Gage	Rvr mi.						
CVD Release	99.9	29	29	29	31	33	28
CVD Project Water Release to Meet Min Flow Requirement							
Total Pass-through Water	29	29	29	29	31	30	28
Project Water Release Required	No	No	No	No	No	No	No

III. Upper Russian River Reach

Minimum Instream Flow Requirement							
Controlling Compliance Gage							
Min Gage Flow	48	47	47	53	52	51	44
Controlling Gage	Forks	Forks	Forks	Forks	Forks	Forks	Forks
All Compliance Gages	Rvr mi.						
Forks (CVD + USGS 11461000)	99.0	48	47	47	53	52	44
Talmage (USGS 11462080)	96.1	53	53	51	60	57	47
Hopland (USGS 11462500)	84.8	62	62	61	68	65	53
Cloverdale (USGS 11463000)	70.9	87	81	81	87	79	70
Geyserville (USGS 11463500)	54.4	108	103	98	101	102	85
Jimtown (USGS 11463682)	48.5	145	140	134	133	131	115
Digger Bend (USGS 11463980)	38.2	136	132	126	123	120	104
Healdsburg (USGS 11464000)	35.6	124	120	115	112	108	96
Net Reach Loss(-)/Gain(+)							
Forks - Talmage	+5	+5	+4	+8	+6	+3	+2
Talmage - Hopland	+10	+9	+10	+12	+4	+1	+3
Hopland - Cloverdale	+24	+19	+20	+23	+8	+6	+15
Cloverdale - Jimtown	+55	+55	+55	+49	+42	+50	+47
Jimtown - Digger Bend	-10	-9	-9	-10	-12	-11	-6
Digger Bend - Healdsburg	-15	-14	-12	-12	-13	-13	-14
Upper Russian Net Reach Loss/Gain	+69	+65	+68	+70	+36	+37	+46
CVD Project Water Release to Meet Min Flow Requirement							
Net Reach Loss(-)/Gain(+) to Controlling Gage	+0	+0	+0	+0	+0	+0	+0
Storage (Project Water)	0	0	0	0	0	0	0
Pass-through Water (Nat. + Imp.) + Natural	0	0	0	0	0	0	0
Total Pass-through Water	29	29	29	29	31	30	28
Project Water Release Required	No	No	No	No	No	No	No

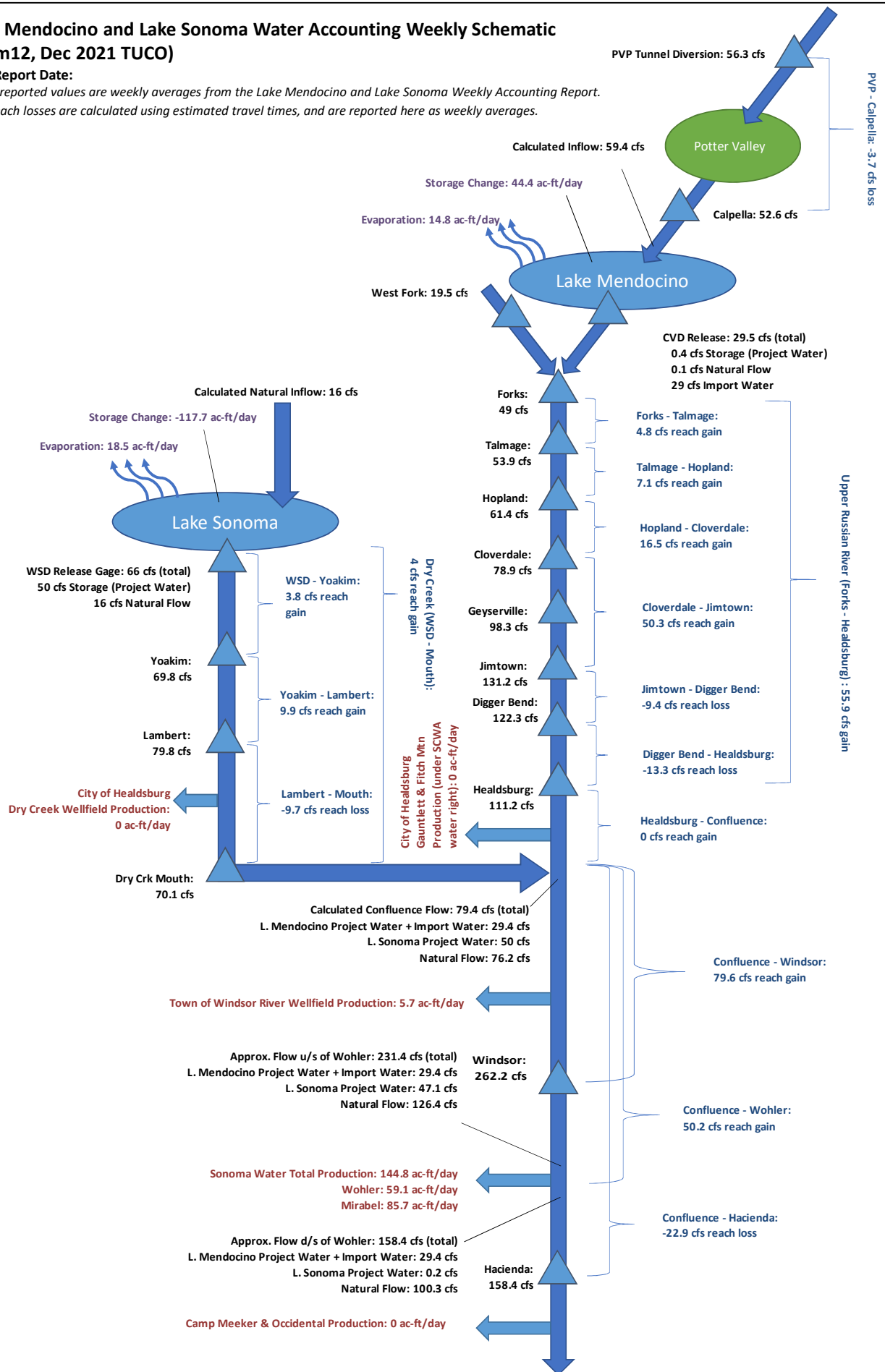
Notes:
- Water Accounting for the Upper Russian River is an analysis that approximates the current conditions based on methodology in Term 11 (2/11/21 Order) report and modified by Term 12 (6/14/21 Order) report. Values listed include estimated values where measurements are not currently available (red italics).

	5/6/2022	5/7/2022	5/8/2022	5/9/2022	5/10/2022	5/11/2022	5/12/2022
IV. Lake Sonoma							
Lake Sonoma							
Storage Change (ac-ft)	-92.0	-110.0	-147.0	-73.0	-146.0	-128.0	-128.0
(cfs)	-46	-55	-74	-37	-74	-65	-65
Evaporation (ac-ft)	12.8	22.3	15.9	15.9	19.1	23.3	20.1
Inflow (Natural Flow)	26	22	0	37	2	13	12
WSD Release Gage	66	66	66	66	66	66	66
Storage (Project Water)	40	44	66	29	64	53	54
Natural Flow	26	22	0	37	2	13	12
V. Lower Dry Creek Reach							
Minimum Instream Flow Requirement	25	25	25	25	25	25	25
Controlling Compliance Gage							
Min Gage Flow	66	66	66	66	66	66	66
Controlling Gage	WSD Release	WSD Release	WSD Release	WSD Release	WSD Release	WSD Release	WSD Release
All Compliance Gages		Crk mi.					
WSD Release	14.3	66	66	66	66	66	66
Yoakim (USGS 11465200)	11.1	70	70	70	70	70	69
Lambert (USGS 11465240)	6.8	81	80	81	80	79	79
Dry Crk Mouth (USGS 11465350)	0.1	72	71	72	71	67	69
WSD to Russian River Confluence Reach Analysis							
Total Pass-through Water	26	22	0	37	2	13	12
Net Reach Loss(-)/Gain(+)							
WSD - Yoakim	+4	+4	+4	+4	+4	+4	+3
Yoakim - Lambert	+11	+10	+10	+10	+9	+10	+10
Lambert - Dry Crk Mouth	-8	-9	-9	-9	-12	-11	-10
WSD - Dry Crk Mouth	+6	+5	+6	+5	+1	+2	+3
WSD Project Water Release to Meet Min Flow Requirement							
Net Reach Loss/Gain to Controlling Gage	+0	+0	+0	+0	+0	+0	+0
Project Water Release Required	Yes	Yes	Yes	Yes	Yes	Yes	Yes
VI. Russian River - Dry Creek Confluence							
Upper Russian River Flow (Healdsburg Gage)							
L. Mendocino Project Water + Import Water	29	29	29	29	31	32	28
Natural Flow	69	65	68	70	36	38	46
Dry Creek Flow (Mouth Gage)							
L. Sonoma Project Water	40	44	66	29	64	53	54
Natural Flow	32	27	6	42	3	16	15
Russian River d/s of Confluence Flow	196	191	187	183	175	172	165
L. Mendocino Project Water + Import Water	29	29	29	29	31	32	28
L. Sonoma Project Water	40	44	66	29	64	53	54
Natural Flow	102	92	74	113	39	53	61
VII. Lower Russian River Reach							
Minimum Instream Flow Requirement	35	35	35	35	35	35	35
Controlling Compliance Gage							
Min Gage Flow	178	168	163	160	153	146	141
Controlling Gage	Hacienda	Hacienda	Hacienda	Hacienda	Hacienda	Hacienda	Hacienda
All Compliance Gages		Rvr mi.					
Windsor (USGS 11465390)	26.6	276.5	270.5	264.3	263.5	259.9	247.0
Hacienda (USGS 11467000)	21.8	178	168	163	160	153	141
Confluence to Windsor Reach Analysis							
Net Reach Loss/Gain to Windsor Gage	+81	+79	+77	+79	+82	+80	+79
L. Mendocino Project Water + Import Water	29	29	29	29	31	32	28
L. Sonoma Project Water	37	41	63	26	61	50	51
Natural Flow	182	171	150	192	121	134	141
Confluence to SCWA Wohler Production Facility Reach Analysis							
Approx. Flow u/s of Wohler	261	235	225	229	235	219	217
Net Reach Loss(-)/Gain(+)	+65	+44	+38	+46	+59	+47	+52
L. Mendocino Project Water + Import Water	29	29	29	29	31	32	28
L. Sonoma Project Water	37	41	63	26	61	50	51
Natural Flow	167	136	111	158	99	101	113
Confluence to Hacienda (Guerneville) Reach Analysis							
Net Reach Loss(-)/Gain(+)	-18	-23	-24	-23	-22	-26	-24
L. Mendocino Project Water + Import Water	29	29	29	29	31	32	28
L. Sonoma Project Water	0	0	2	0	0	0	0
Natural Flow	121	110	111	116	78	77	88
VIII. Water Production under Sonoma Water Water Rights (ac-ft)							
Lower Russian River							
Sonoma Water Total	164.9	133.2	122.2	136.2	162.0	145.2	150.0
Wohler	76.8	82.8	72.0	45.9	46.9	51.1	38.1
Mirabel	88.1	50.4	50.2	90.3	115.2	94.1	111.9
Town of Windsor River Wellfield	5.8	5.6	5.6	4.7	5.5	6.2	6.7
Camp Meeker & Occidental	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Upper Russian River							
City of Healdsburg							
Gauntlett & Fitch Mtn	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry Creek							
City of Healdsburg							
Dry Creek Wellfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Notes:							
- Water Accounting for the Lower Russian River and Dry Creek is an analysis that approximates the current conditions based on the methodology in Term 12 (6/14/21 Order) report. Values listed include estimated values where measurements are not currently available (red italics).							

Lake Mendocino and Lake Sonoma Water Accounting Weekly Schematic (Term12, Dec 2021 TUCO)

Report Date:

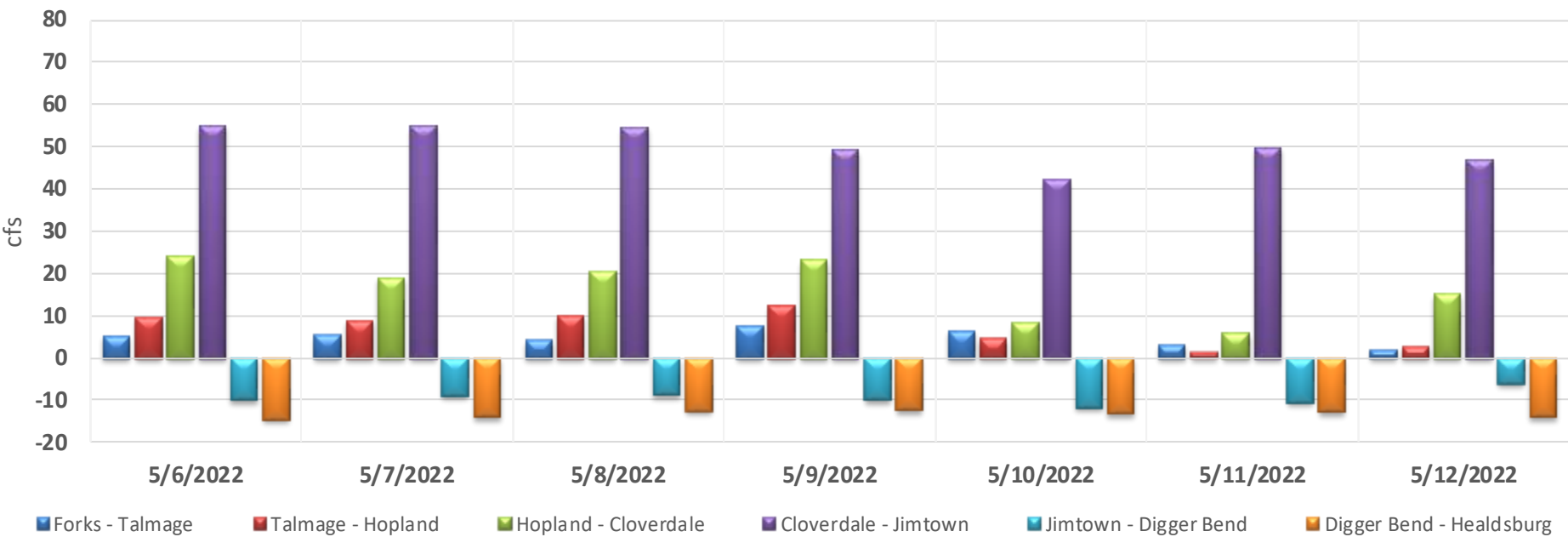
All reported values are weekly averages from the Lake Mendocino and Lake Sonoma Weekly Accounting Report.
 Reach losses are calculated using estimated travel times, and are reported here as weekly averages.



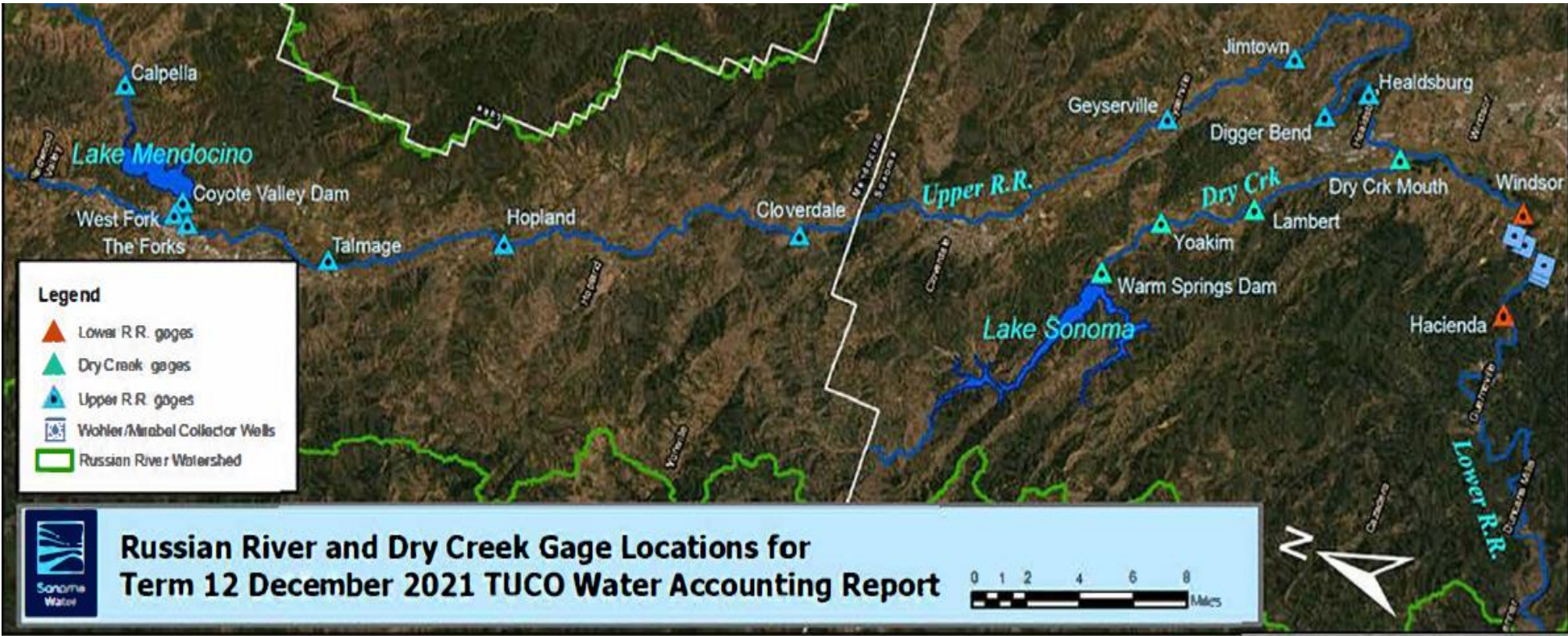
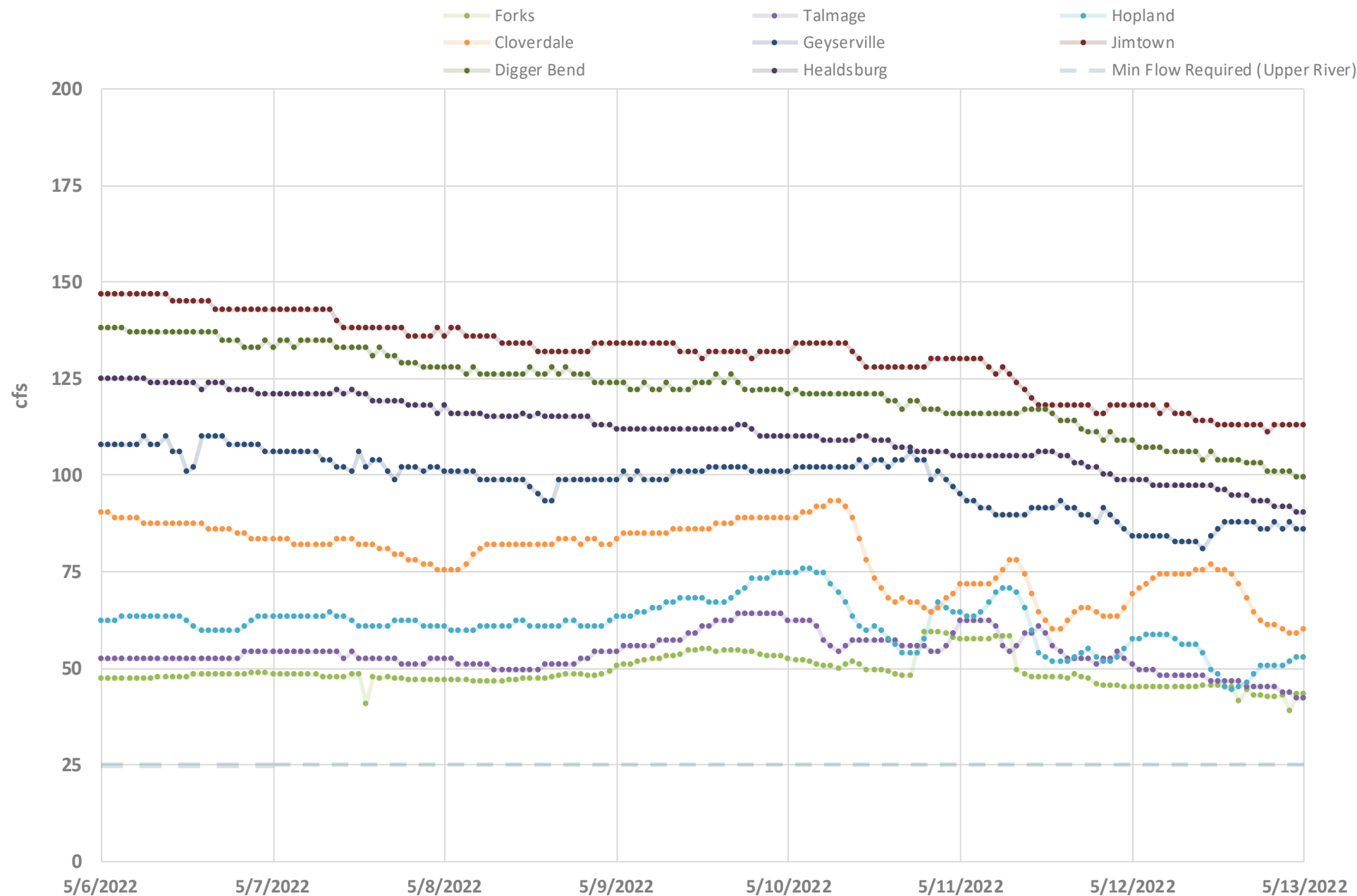
Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Term 12, Dec 2021 TUCO)

Report Date: 5/13/2022

UPPER RUSSIAN RIVER NET REACH GAINS (+) / LOSSES (-)



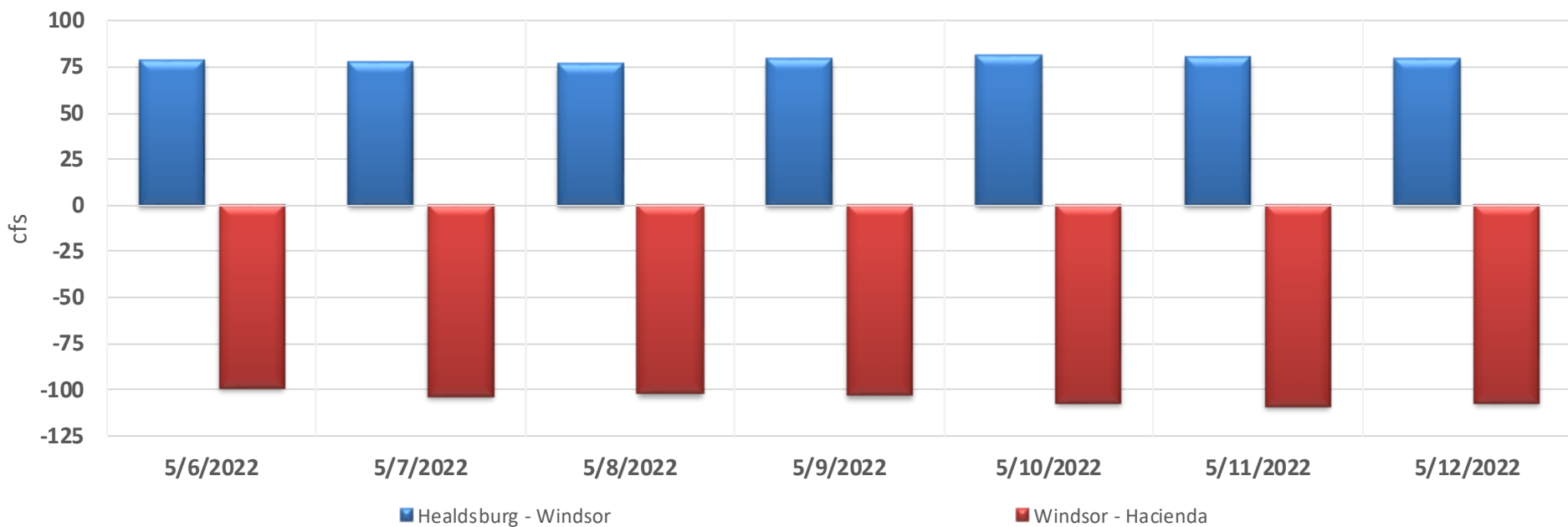
UPPER RUSSIAN RIVER STREAM FLOWS



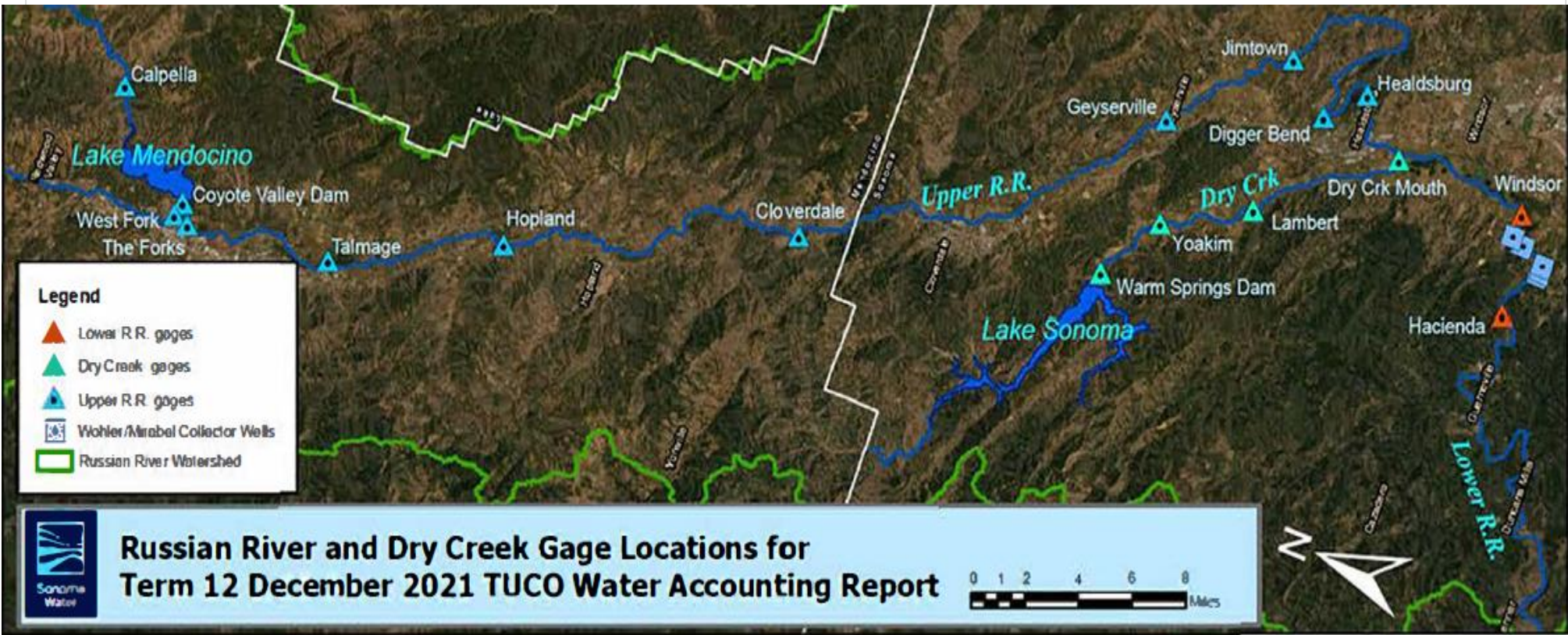
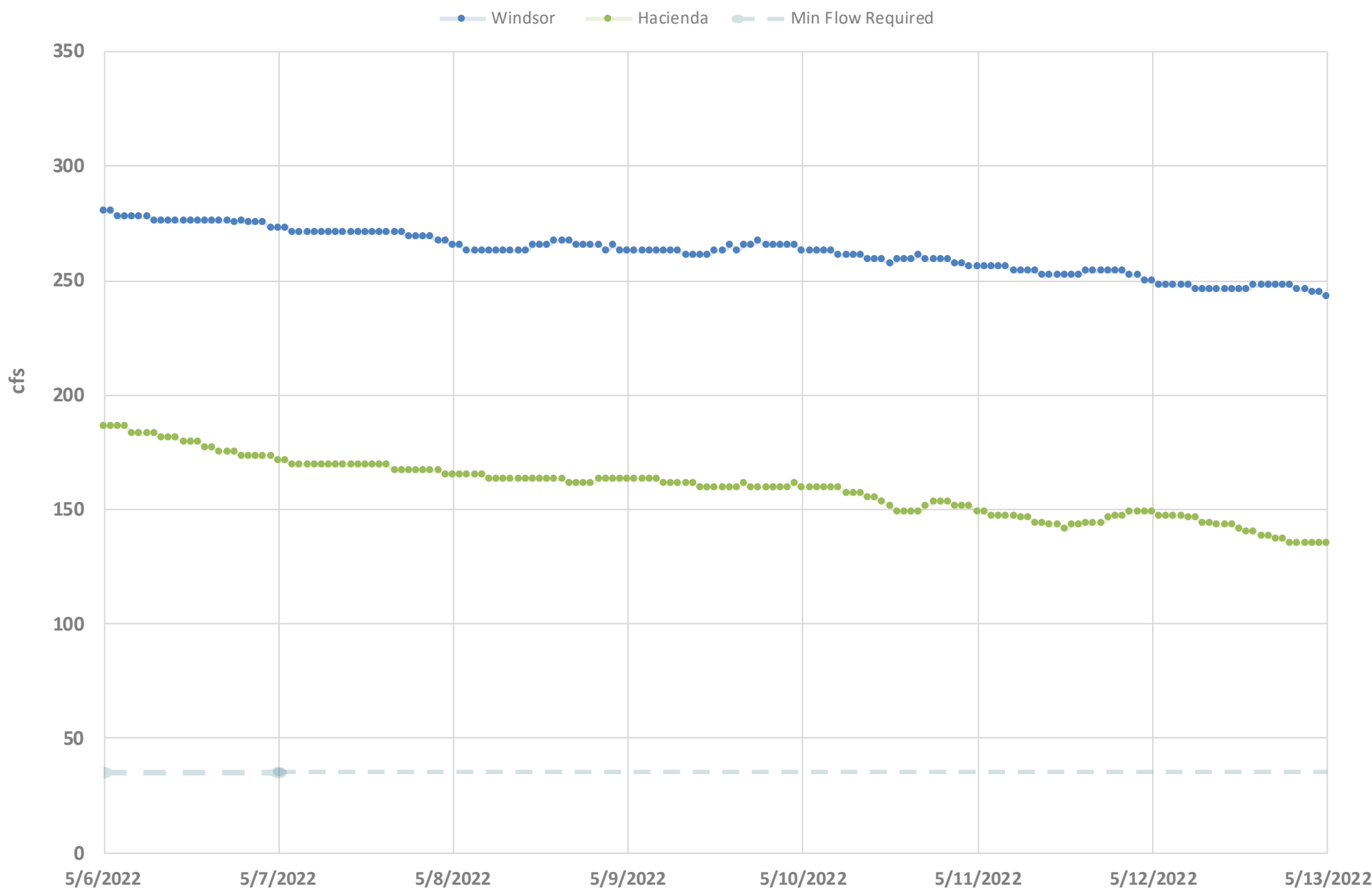
Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Term 12, Dec 2021 TUCO)

Report Date: 5/13/2022

LOWER RUSSIAN RIVER NET REACH GAINS (+) / LOSSES (-)



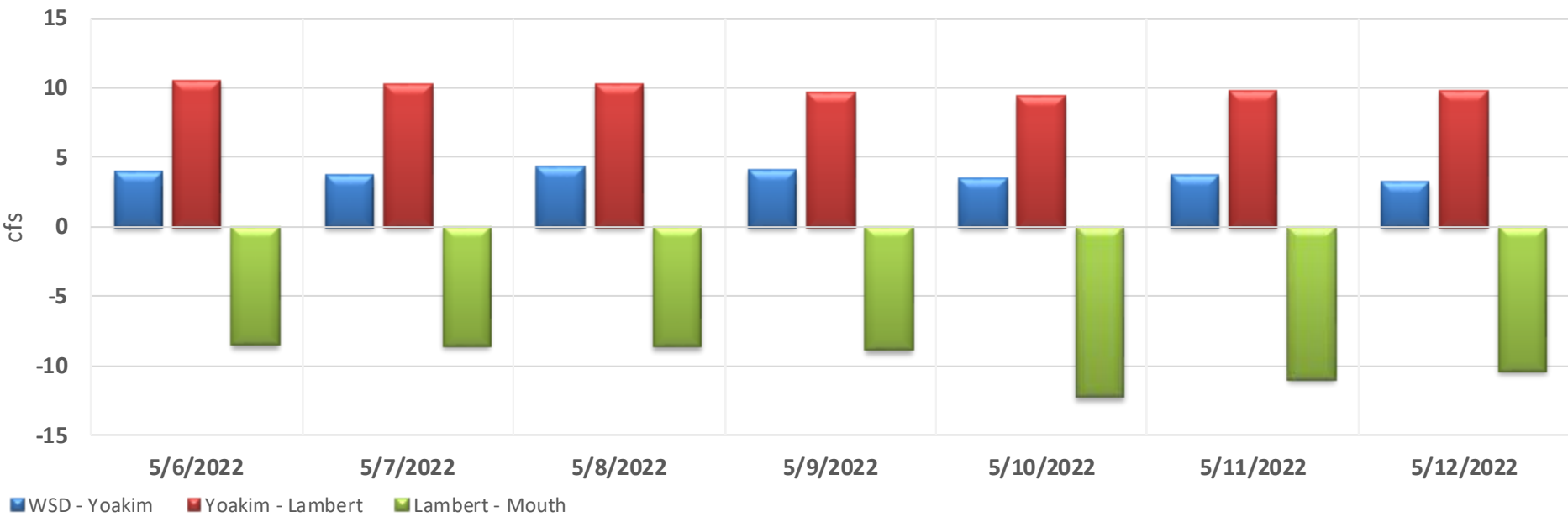
LOWER RUSSIAN RIVER STREAM FLOWS



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Report Date: 5/13/2022

DRY CREEK NET REACH GAINS (+) / LOSSES (-)



DRY CREEK STREAM FLOWS

